

Patent Claims

1. Method for producing an interior trim part in a vehicle having a decorative layer of leather with an underside (3) and a decorative side (4), wherein a weakened line is introduced from the underside (3) by means of laser radiation, characterized in that the fiber structure of the leather is fixed at least along the desired weakened line prior to laser treatment and for the duration of laser treatment in order to prevent visible curling along the weakened line.
2. Method according to claim 1, characterized in that a fixing agent (5) is applied over the entire surface of the underside (3) of the leather and penetrates into the leather.
3. Method according to claim 2, characterized in that the fixing agent (5) is a lacquer that is brushed on.
4. Method according to claim 2, characterized in that the fixing agent (5) is a lacquer that is sprayed on.
5. Method according to claim 2, characterized in that the leather is connected to additional layers forming the interior trim part in the vehicle after applying the fixing agent (5) and is treated by laser radiation as a composite.
6. Method according to claim 2, characterized in that the leather is subjected to the laser treatment after applying the fixing agent (5) and is subsequently applied to the interior trim part that is prefabricated in other respects.
7. Method according to claim 1, characterized in that the leather is undercooled at least along the desired weakened line immediately before the laser treatment.
8. Use of a method according to claim 2 or 7, characterized in that the weakened line is a predetermined rupture line defining the contour of an airbag opening in an interior trim part.
9. Use of a method according to claim 2 or 7, characterized in that the weakened line is a bend line.
10. Use of a method according to claim 2 or 7, characterized in that the weakened line forms a visible pattern of holes from the decorative side.

11. Method according to claim 5, characterized in that the fixing agent (5) is added to a glue which is applied to the leather before the leather is connected to additional layers forming the interior trim part.

12. Method according to claim 5, characterized in that the fixing agent (5) is added to a glue which is applied to the layer of an interior trim part upon which the leather is arranged.

13. Method according to claim 1, characterized in that the leather is pre-shrunk prior to the laser treatment.